

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	461939	(ethanol) or (ethyl adj alcohol) or (grain adj alcohol) or ("c.sub.2h.sub.5oh") or ("c2h5oh") or ("EtOH") or (ethyl adj hydroxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:40
L2	3371452	(comminuting) or (comminution) or (electrohydrodynamic) or (electrostatic) or (electrode) or (vaporizing adj emitter) or (ions) or (charge) or (charged)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:40
L3	935925	vapor or aerosol or droplet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:40
L4	758523	((electrostatic\$) or (electro adj static\$) or (charg\$) or (impart\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:40
L5	16778	((422/1) or (422/4) or (422/5) or (422/22) or (422/123) or (422/7) or (422/28) or (422/120) or (422/125) or (422/123) or (422/305) or (422/306) or (422/307) or (392/390) or (392/395) or (239/44) or (239/3) or (239/34) or (239/60) or (239/690) or (239/707) or (239/706) or (239/145) or (239/326) or (261/75) or (261/99) or (261/100) or (424/47) or (424/76.8)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/27 07:40
L6	153642	L2 same L3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:40
L7	15627	L6 and L1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:40
L8	7838	L7 and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:40

## EAST Search History

L9	169	L8 and L5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:41
L10	5	lins-claudio-l-k.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:42
S1	3	lins-claudio-l-k.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:42
S2	2	((propylene adj glycol) or (dipropylene adj glycol) or (triethylene adj glycol) or (glycol)) and lins-claudio-l-k.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 10:57
S3	330678	ethanol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 11:05
S4	2	ethanol and lins-claudio-l-k.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 11:06
S5	38227	fragrance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/29 16:18
S6	2	fragrance and lins-claudio-l-k.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 11:20
S7	269470	electrostatic\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 11:20
S8	2	electrostatic\$ and lins-claudio-l-k.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 11:21

## EAST Search History

S9	1059098	conductiv\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 11:22
S10	1	conductiv\$ and lins-claudio-l-k.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 11:22
S11	2801619	(electrostatic\$) or (electro adj static\$) or (charg\$) or (impart\$) or (electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 17:11
S12	157696	(airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 10:38
S13	1824990	(discharg\$) or (dispens\$) or (aerosol)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 14:53
S14	610209	((electrostatic\$) or (electro adj static\$) or (charg\$) or (impart\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 15:21
S15	34952	(triethylene adj glycol) or (teg) or (trigen) or (triglycol) or (trigol)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 16:54
S16	13601	((triethylene adj glycol) or (teg) or (trigen) or (triglycol) or (trigol)) and ethanol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 14:58
S17	2689	((((triethylene adj glycol) or (teg) or (trigen) or (triglycol) or (trigol)) and ethanol) and (((electrostatic\$) or (electro adj static\$) or (charg\$) or (impart\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 14:59

## EAST Search History

S18	361	(((((triethylene adj glycol) or (teg) or (trigen) or (triglycol) or (trigol)) and ethanol) and (((electrostatic\$) or (electro adj static\$) or (charg\$) or (impart\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol)))) and ((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 16:47
S19	91947	("424"/\$).cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 15:07
S20	85	((("424"/\$).cccls.) and ((((((triethylene adj glycol) or (teg) or (trigen) or (triglycol) or (trigol)) and ethanol) and (((electrostatic\$) or (electro adj static\$) or (charg\$) or (impart\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol)))) and ((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 16:35
S21	4	((("5196171") or ("5382410")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/03 15:49
S22	6448	((422/1) or (422/4-5) or (422/22) or (422/28) or (422/120-123) or (422/125) or (422/305-306)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/05 10:39
S23	15648	((((electrostatic\$) or (electro adj static\$) or (charg\$) or (impart\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol)))) and ((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 16:25

## EAST Search History

S24	497	(((((electrostatic\$) or (electro adj static\$) or (charg\$) or (impart\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol))) and ((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening))) and (((422/1) or (422/4-5) or (422/22) or (422/28) or (422/120-123) or (422/125) or (422/305-306)).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 16:26
S25	353425	(ethanol) or (ethyl adj alcohol) or (grain adj alcohol) or ("c.sub.2h.sub.5oh") or ("c2h5oh")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 15:13
S26	417895	(propylene adj glycol) or (dipropylene adj glycol) or (triethylene adj glycol) or (glycol)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 16:30
S27	152394	((ethanol) or (ethyl adj alcohol) or (grain adj alcohol) or ("c.sub.2h.sub.5oh") or ("c2h5oh") ) and ((propylene adj glycol) or (dipropylene adj glycol) or (triethylene adj glycol) or (glycol) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 16:30
S28	50	((ethanol) or (ethyl adj alcohol) or (grain adj alcohol) or ("c.sub.2h.sub.5oh") or ("c2h5oh") ) and ((propylene adj glycol) or (dipropylene adj glycol) or (triethylene adj glycol) or (glycol) )) and ((((((electrostatic\$) or (electro adj static\$) or (charg\$) or (impart\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol))) and ((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening))) and (((422/1) or (422/4-5) or (422/22) or (422/28) or (422/120-123) or (422/125) or (422/305-306)).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 16:30
S29	38227	fragrance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 10:27

## EAST Search History

S30	25	fragrance and (((ethanol) or (ethyl adj alcohol) or (grain adj alcohol) or ("c.sub.2h.sub.5oh") or ("c2h5oh" ) and ((propylene adj glycol) or (dipropylene adj glycol) or (triethylene adj glycol) or (glycol) )) and (((electrostatic\$) or (electro adj static\$) or (charg\$) or (impart\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol))) and ((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening))) and (((422/1) or (422/4-5) or (422/22) or (422/28) or (422/120-123) or (422/125) or (422/305-306)).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 17:07
S31	1502231	((electrostatic\$) or (electro adj static\$) or (electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 17:11
S32	306009	((electrostatic\$) or (electro adj static\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 17:12
S33	8061	(((electrostatic\$) or (electro adj static\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol))) and (((ethanol) or (ethyl adj alcohol) or (grain adj alcohol) or ("c.sub.2h.sub.5oh") or ("c2h5oh" ) and ((propylene adj glycol) or (dipropylene adj glycol) or (triethylene adj glycol) or (glycol) ))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 17:13
S34	740	(((electrostatic\$) or (electro adj static\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol))) and (((ethanol) or (ethyl adj alcohol) or (grain adj alcohol) or ("c.sub.2h.sub.5oh") or ("c2h5oh" ) and ((propylene adj glycol) or (dipropylene adj glycol) or (triethylene adj glycol) or (glycol) )) and ((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/03 17:13

## EAST Search History

S35	17	(((((electrostatic\$) or (electro adj static\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol))) and (((ethanol) or (ethyl adj alcohol) or (grain adj alcohol) or ("c.sub.2h.sub.5oh") or ("c2h5oh" ) and ((propylene adj glycol) or (dipropylene adj glycol) or (triethylene adj glycol) or (glycol) ))) and ((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening))) and (((422/1) or (422/4-5) or (422/22) or (422/28) or (422/120-123) or (422/125) or (422/305-306)).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 16:33
S36	85	((("424"/\$).ccls.) and (((((triethylene adj glycol) or (teg) or (trigen) or (triglycol) or (trigol)) and ethanol) and (((electrostatic\$) or (electro adj static\$) or (charg\$) or (impart\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol)))) and ((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 16:36
S37	157696	(airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 16:49
S38	34952	(triethylene adj glycol) or (teg) or (trigen) or (triglycol) or (trigol)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 16:54
S39	2354	((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening) ) and ((triethylene adj glycol) or (teg) or (trigen) or (triglycol) or (trigol) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 16:54
S40	6448	((422/1) or (422/4-5) or (422/22) or (422/28) or (422/120-123) or (422/125) or (422/305-306)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/04 16:54

## EAST Search History

S41	25	((((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening) ) and ((triethylene adj glycol) or (teg) or (trigen) or (triglycol) or (trigol) )) and (((422/1) or (422/4-5) or (422/22) or (422/28) or (422/120-123) or (422/125) or (422/305-306)).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 10:28
S42	12337	essential adj oil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 17:01
S43	6	(essential adj oil) and (((((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening) ) and ((triethylene adj glycol) or (teg) or (trigen) or (triglycol) or (trigol) )) and (((422/1) or (422/4-5) or (422/22) or (422/28) or (422/120-123) or (422/125) or (422/305-306)).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 17:01
S44	82797	fragrance or perfume	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 10:27
S45	25	((((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening) ) and ((triethylene adj glycol) or (teg) or (trigen) or (triglycol) or (trigol) )) and (((422/1) or (422/4-5) or (422/22) or (422/28) or (422/120-123) or (422/125) or (422/305-306)).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 10:29
S46	15	((((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening) ) and ((triethylene adj glycol) or (teg) or (trigen) or (triglycol) or (trigol) )) and (((422/1) or (422/4-5) or (422/22) or (422/28) or (422/120-123) or (422/125) or (422/305-306)).CCLS.) ) and (fragrance or perfume)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 10:29



## EAST Search History

S47	157861	(airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 10:39
S48	12052	((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening) ) and (fragrance or perfume)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 10:39
S49	6458	((422/1) or (422/4-5) or (422/22) or (422/28) or (422/120-123) or (422/125) or (422/305-306)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/05 10:39
S50	358	((((airborne) or (sanitation) or (saniti\$) or (disinfect\$) or (deodori\$) or (antimicrobail) or (biocid\$) or (freshener) or (freshening) ) and (fragrance or perfume)) and (((422/1) or (422/4-5) or (422/22) or (422/28) or (422/120-123) or (422/125) or (422/305-306)).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/05 10:40
S51	943694	alcohol or alcohols or glycolic or glycal or glycol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 08:05
S52	7	(alcohol or alcohols or glycolic or glycal or glycol) and (((("5405602") or ("5503335") or ("5591395") or ("5810265") or ("4776515") or ("5810265") or ("4400332") or ("4829996") or ("5591395") or ("5196171") or ("5382410")).PN.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 08:05
S53	21	((("5405602") or ("5503335") or ("5591395") or ("5810265") or ("4776515") or ("5810265") or ("4400332") or ("4829996") or ("5591395") or ("5196171") or ("5382410") or ("5337963")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/01 08:14
S54	7	(alcohol or alcohols or glycolic or glycal or glycol) and (((("5405602") or ("5503335") or ("5591395") or ("5810265") or ("4776515") or ("5810265") or ("4400332") or ("4829996") or ("5591395") or ("5196171") or ("5382410") or ("5337963")).PN.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 08:56

## EAST Search History

S55	12176	((422/1) or (422/4) or (422/5) or (422/22) or (422/123) or (422/7) or (422/28) or (422/120) or (422/125) or (422/123) or (422/305) or (422/306) or (422/307) or (392/390) or (392/395) or (239/44) or (239/3) or (239/34) or (239/60) or (239/690) or (239/707) or (239/706) or (239/145) or (239/326) or (261/75) or (261/99) or (261/100) or (424/47) or (424/76. 8)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/25 15:21
S56	3345013	(saniti\$) or (sanita\$) or (airborne) or (biocid\$) or (disinfect\$) or (stereli\$) or (decontaminat\$) or (deodori\$) or (microorganism) or (reduce) or (microbial) or (odori\$) or (antiseptic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:28
S57	3227212	(charged adj vapor) or (high adj voltage) or (DC) or (dc) or (voltage) or (electrif\$) or (electrode) or (needle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 09:16
S58	3740817	(vapor\$) or (emitter) or (wick) or (vapor) or (aerosol) or (wicking) or (charge) or (dispens\$) or (emanat\$) or (absorb\$) or (adsorb\$) or (spray) or (mist) or (air adj ion) or (ion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 09:19
S59	285414	electrostatic\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 09:20
S60	1075242	((saniti\$) or (sanita\$) or (airborne) or (biocid\$) or (disinfect\$) or (stereli\$) or (decontaminat\$) or (deodori\$) or (microorganism) or (reduce) or (microbial) or (odori\$) or (antiseptic)) and ((vapor\$) or (emitter) or (wick) or (vapor) or (aerosol) or (wicking) or (charge) or (dispens\$) or (emanat\$) or (absorb\$) or (adsorb\$) or (spray) or (mist) or (air adj ion) or (ion) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 09:21

## EAST Search History

S61	417250	((((saniti\$) or (sanita\$) or (airborne) or (biocid\$) or (disinfect\$) or (stereli\$) or (decontaminat\$) or (deodori\$) or (microorganism) or (reduce) or (microbial) or (odori\$) or (antiseptic)) and ((vapor\$) or (emitter) or (wick) or (vapor) or (aerosol) or (wicking) or (charge) or (dispens\$) or (emanat\$) or (absorb\$) or (adsorb\$) or (spray) or (mist) or (air adj ion) or (ion) )) and ((charged adj vapor) or (high adj voltage) or (DC) or (dc) or (voltage) or (electrif\$) or (electrode) or (needle)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 09:22
S62	45963	(((((saniti\$) or (sanita\$) or (airborne) or (biocid\$) or (disinfect\$) or (stereli\$) or (decontaminat\$) or (deodori\$) or (microorganism) or (reduce) or (microbial) or (odori\$) or (antiseptic)) and ((vapor\$) or (emitter) or (wick) or (vapor) or (aerosol) or (wicking) or (charge) or (dispens\$) or (emanat\$) or (absorb\$) or (adsorb\$) or (spray) or (mist) or (air adj ion) or (ion) )) and ((charged adj vapor) or (high adj voltage) or (DC) or (dc) or (voltage) or (electrif\$) or (electrode) or (needle))) and electrostatic\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 09:23
S63	430	(((((saniti\$) or (sanita\$) or (airborne) or (biocid\$) or (disinfect\$) or (stereli\$) or (decontaminat\$) or (deodori\$) or (microorganism) or (reduce) or (microbial) or (odori\$) or (antiseptic)) and ((vapor\$) or (emitter) or (wick) or (vapor) or (aerosol) or (wicking) or (charge) or (dispens\$) or (emanat\$) or (absorb\$) or (adsorb\$) or (spray) or (mist) or (air adj ion) or (ion) )) and ((charged adj vapor) or (high adj voltage) or (DC) or (dc) or (voltage) or (electrif\$) or (electrode) or (needle))) and electrostatic\$) and (((422/1) or (422/4) or (422/5) or (422/22) or (422/123) or (422/7) or (422/28) or (422/120) or (422/125) or (422/123) or (422/305) or (422/306) or (422/307) or (392/390) or (392/395) or (239/44) or (239/3) or (239/34) or (239/60) or (239/690) or (239/707) or (239/706) or (239/145) or (239/326) or (261/75) or (261/99) or (261/100) or (424/47) or (424/76. 8)).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 09:25

## EAST Search History

S64	882299	(2-propanol) or (alcohol) or ((alcohol or alcohols or glycolic or glycal or glycol) adj propanol) or (2-hydroxypropane) or ((alcohol or alcohols or glycolic or glycal or glycol) adj hydroxypropane) or (alcojel) or (alcosolve) or (avantin) or (dimethylcarbinol) or (isopropanol) or (isopropyl adj alcohol) or (alcohols) or (rubbing adj alcohol) or (alcohol adj dehydrated) or (ethyl adj alcohol) or (ethanol) or (ethyl adj hydrate) or (ethyl adj hydroxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 09:35
S65	545066	(ethylene adj glycol) or (EG) or (glycolic) or (glycal) or (glycol)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 09:38
S66	296139	((2-propanol) or (alcohol) or ((alcohol or alcohols or glycolic or glycal or glycol) adj propanol) or (2-hydroxypropane) or ((alcohol or alcohols or glycolic or glycal or glycol) adj hydroxypropane) or (alcojel) or (alcosolve) or (avantin) or (dimethylcarbinol) or (isopropanol) or (isopropyl adj alcohol) or (alcohols) or (rubbing adj alcohol) or (alcohol adj dehydrated) or (ethyl adj alcohol) or (ethanol) or (ethyl adj hydrate) or (ethyl adj hydroxide)) and ((ethylene adj glycol) or (EG) or (glycolic) or (glycal) or (glycol))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 09:39

## EAST Search History

S67	6297	(((2-propanol) or (alcohol) or ((alcohol or alcohols or glycolic or glycal or glycol) adj propanol) or (2-hydroxypropane) or ((alcohol or alcohols or glycolic or glycal or glycol) adj hydroxypropane) or (alcojel) or (alcosolve) or (avantin) or (dimethylcarbinol) or (isopropanol) or (isopropyl adj alcohol) or (alcohols) or (rubbing adj alcohol) or (alcohol adj dehydrated) or (ethyl adj alcohol) or (ethanol) or (ethyl adj hydrate) or (ethyl adj hydroxide)) and ((ethylene adj glycol) or (EG) or (glycolic) or (glycal) or (glycol))) and (((saniti\$) or (sanita\$) or (airborne) or (biocid\$) or (disinfect\$) or (stereli\$) or (decontaminat\$) or (deodori\$) or (microorganism) or (reduce) or (microbial) or (odori\$) or (antiseptic)) and ((vapor\$) or (emitter) or (wick) or (vapor) or (aerosol) or (wicking) or (charge) or (dispens\$) or (emanat\$) or (absorb\$) or (adsorb\$) or (spray) or (mist) or (air adj ion) or (ion) )) and ((charged adj vapor) or (high adj voltage) or (DC) or (dc) or (voltage) or (electrif\$) or (electrode) or (needle))) and electrostatic\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 09:40
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## EAST Search History

S68	34	(((2-propanol) or (alcohol) or ((alcohol or alcohols or glycolic or glycal or glycol) adj propanol) or (2-hydroxypropane) or ((alcohol or alcohols or glycolic or glycal or glycol) adj hydroxypropane) or (alcojel) or (alcosolve) or (avantin) or (dimethylcarbinol) or (isopropanol) or (isopropyl adj alcohol) or (alcohols) or (rubbing adj alcohol) or (alcohol adj dehydrated) or (ethyl adj alcohol) or (ethanol) or (ethyl adj hydrate) or (ethyl adj hydroxide)) and ((ethylene adj glycol) or (EG) or (glycolic) or (glycal) or (glycol))) and (((saniti\$) or (sanita\$) or (airborne) or (biocid\$) or (disinfect\$) or (stereli\$) or (decontaminat\$) or (deodori\$) or (microorganism) or (reduce) or (microbial) or (odori\$) or (antiseptic)) and ((vapor\$) or (emitter) or (wick) or (vapor) or (aerosol) or (wicking) or (charge) or (dispens\$) or (emanat\$) or (absorb\$) or (adsorb\$) or (spray) or (mist) or (air adj ion) or (ion) )) and ((charged adj vapor) or (high adj voltage) or (DC) or (dc) or (voltage) or (electrif\$) or (electrode) or (needle))) and electrostatic\$)) and (((422/1) or (422/4) or (422/5) or (422/22) or (422/123) or (422/7) or (422/28) or (422/120) or (422/125) or (422/123) or (422/305) or (422/306) or (422/307) or (392/390) or (392/395) or (239/44) or (239/3) or (239/34) or (239/60) or (239/690) or (239/707) or (239/706) or (239/145) or (239/326) or (261/75) or (261/99) or (261/100) or (424/47) or (424/76.8)).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 11:08
S69	414661	(ethanol) or (ethyl adj alcohol) or (grain adj alcohol) or ("c.sub.2h.sub.5oh") or ("c2h5oh") or ("EtOH") or (ethyl adj hydroxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:29
S70	3059851	(comminuting) or (comminution) or (electrohydrodynamic) or (electrostatic) or (electrode) or (vaporizing adj emitter) or (ions) or (charge) or (charged)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 15:26

## EAST Search History

S71	840467	vapor or aerosol or droplet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 15:20
S73	681325	((electrostatic\$) or (electro adj static\$) or (charg\$) or (impart\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 15:21
S74	16199	((422/1) or (422/4) or (422/5) or (422/22) or (422/123) or (422/7) or (422/28) or (422/120) or (422/125) or (422/123) or (422/305) or (422/306) or (422/307) or (392/390) or (392/395) or (239/44) or (239/3) or (239/34) or (239/60) or (239/690) or (239/707) or (239/706) or (239/145) or (239/326) or (261/75) or (261/99) or (261/100) or (424/47) or (424/76. 8)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/25 15:21
S79	134801	S70 same S71	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 15:24
S80	12938	S79 and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 15:24
S81	6366	S80 and S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 15:24
S82	164	S81 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:15
S83	307775	(comminuting) or (comminution) or (electrohydrodynamic) or (electrostatic) or (vaporizing adj emitter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 15:26
S84	55	S83 and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 08:25

## EAST Search History

S11 9	275	Coffee.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 10:33
S12 1	3	lins-claudio-l-k.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 08:42
S12 2	431817	(ethanol) or (ethyl adj alcohol) or (grain adj alcohol) or ("c.sub.2h.sub.5oh") or ("c2h5oh") or ("EtOH") or (ethyl adj hydroxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:15
S12 3	3178501	(comminuting) or (comminution) or (electrohydrodynamic) or (electrostatic) or (electrode) or (vaporizing adj emitter) or (ions) or (charge) or (charged)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:15
S12 4	876702	vapor or aerosol or droplet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:15
S12 5	709912	((electrostatic\$) or (electro adj static\$) or (charg\$) or (impart\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:15
S12 6	16428	((422/1) or (422/4) or (422/5) or (422/22) or (422/123) or (422/7) or (422/28) or (422/120) or (422/125) or (422/123) or (422/305) or (422/306) or (422/307) or (392/390) or (392/395) or (239/44) or (239/3) or (239/34) or (239/60) or (239/690) or (239/707) or (239/706) or (239/145) or (239/326) or (261/75) or (261/99) or (261/100) or (424/47) or (424/76.8)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/12 11:15
S12 7	141773	S123 same S124	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:15
S12 8	13865	S127 and S122	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:15



## EAST Search History

S12 9	6870	S128 and S125	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:15
S13 0	166	S129 and S126	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 08:42
S13 1	166	S129 and S126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 11:16
S13 2	4	lins-claudio-l-k.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 08:42
S13 3	443072	(ethanol) or (ethyl adj alcohol) or (grain adj alcohol) or ("c.sub.2h.sub. 5oh") or ("c2h5oh") or ("EtOH") or (ethyl adj hydroxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 08:42
S13 4	3250123	(comminuting) or (comminution) or (electrohydrodynamic) or (electrostatic) or (electrode) or (vaporizing adj emitter) or (ions) or (charge) or (charged)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 08:42
S13 5	899052	vapor or aerosol or droplet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 08:42
S13 6	728175	((electrostatic\$) or (electro adj static\$) or (charg\$) or (impart\$) or (electrode)) and ((discharg\$) or (dispens\$) or (aerosol))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 08:42

## EAST Search History

S13 7	16559	((422/1) or (422/4) or (422/5) or (422/22) or (422/123) or (422/7) or (422/28) or (422/120) or (422/125) or (422/123) or (422/305) or (422/306) or (422/307) or (392/390) or (392/395) or (239/44) or (239/3) or (239/34) or (239/60) or (239/690) or (239/707) or (239/706) or (239/145) or (239/326) or (261/75) or (261/99) or (261/100) or (424/47) or (424/76.8)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/03 08:42
S13 8	146246	S134 same S135	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 08:42
S13 9	14497	S138 and S133	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 08:42
S14 0	7242	S139 and S136	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 08:42
S14 1	168	S140 and S137	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 07:40